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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/692,384	10/23/2003	Todd R. Manion	306544.01	8443
69316	7590	12/08/2010		
MICROSOFT CORPORATION ONE MICROSOFT WAY REDMOND, WA 98052			EXAMINER NGUYEN, DUSTIN	
			ART UNIT 2454	PAPER NUMBER
			NOTIFICATION DATE 12/08/2010	DELIVERY MODE ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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<b>Office Action Summary</b>	<b>Application No.</b> 10/692,384	<b>Applicant(s)</b> MANION ET AL.	
	<b>Examiner</b> DUSTIN NGUYEN	<b>Art Unit</b> 2454	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 23 November 2010.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 43 and 45-59 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 43 and 45-59 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                    | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)         | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

1. Claims 43, 45-58 are presented for examination.

#### ***Continued Examination Under 37 CFR 1.114***

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/23/2010 has been entered.

#### ***Response to Arguments***

3. Applicant's arguments filed 09/13/2010 have been fully considered but they are not persuasive.
4. The argument filed with the after final amendment on 09/13/2010 had been considered and addressed in the Advisory Action mailed on 09/30/2010, and now repeat as below.

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5. In the remark filed on 09/13/2010, Applicants argued that (1) Weisman fails to teach or suggest the claimed limitation of obtaining and setting the display setting on the projector as now recited in independent claim 43.

6. As to point (1), Weisman discloses presentation is step 5 in UPnP networking and after a control point has discovered a device and retrieved a description of the device, the control point is ready to begin presentation, if a device has a UTRL for presentation, then the control point can retrieve a page from the URL, load the page into a browser, and depending on the capabilities of the pages, allow a user to control the device, and to retrieve a presentation page, the control point issues an HTTP GET request to the presentation URL, the capabilities of the presentation page are completely specified by the UPnP vendor, wherein this includes all capabilities of the control point's browser, scripting language or browser plug-ins used, and means for interacting with the device [ i.e. broadly interpreted as obtaining and setting the diisplay settings for the projector as claimed ] [ paragraphs 1697-1704 ]. Therefore, the claims remain rejected over the cited prior art.

### ***Claim Objections***

7. Claims 45-59 are objected to because of the following informalities: claim 44 had been cancelled, so claims 45-59 should be corrected as depend on claim 43, not claim 44. Appropriate correction is required.

***Claim Rejections - 35 USC § 103***

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 43, 45-58 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ogdon et al. [ US Patent No 6,161,137 ], in view of Trossen [ US Patent Application No 2004/0128344 ], and further in view of Weisman et al. [ US Patent Application No 2002/0112058 ].

10. As per claim 43, Ogdon discloses the invention as claimed including a computer-readable storage medium that does not comprise a carrier wave embodying a program of instruction executable by a computer for performing a method of enabling a presentation from a first computing device to many second computing devices using an application program [ i.e. a presentation system is disclosed for distributing a performance of a presentation synchronously to a plurality of client nodes ] [ Abstract ] comprising:

providing an application programming interface on the first computing device that registers the second computing device with the first computing device [ i.e. a pre-show control system for providing audience members and potential audience members with presentation related information both for registering for presentation performances and for establishing initial network connections ] [ 140, Figure 1A; and col 10, lines 30-col 11, lines 21 ];

providing an application programming interface for the second computing device to request an invitation to view the presentation from the first computing device [ i.e. invitation subsystem ] [ col 9, lines 63-col 10, lines 4 ];

providing a callback method on the first computing device wherein the callback method communicates an acceptance to the second computing device that invitation to view the presentation from the first computing device has been accepted [ i.e. providing encoded presentation invitation network addresses to clients ] [ col 16, lines 57-67 ];

providing an application programming interface on the first computing device for advertising that a presentation is available for the second computing devices [ i.e. provide the client with excerpts of other presentations as well as advertisements ] [ col 19, lines 45-51 ];

providing an application programming interface on the first computing device for disconnecting the first computing from providing the presentation to the second

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computing

device [ i.e. terminate ] [ col 21, lines 7-24 ];

providing an application program interface on the first computing device for  
inviting

the second computing device to view the presentation [ col 9, lines 57-col 10, lines 4 ];  
and

providing an application program interface on the first computing device for  
responding to a request from the second computing device for an invitation to view the  
presentation [ i.e. login ] [ col 18, lines 58-col 19, lines 29 ].

Ogdon does not specifically disclose

providing an application programming interface on the first computing device for  
un-registering the second computing device from the first computing device.

Trossen discloses

providing an application programming interface on the first computing device for  
un-registering the second computing device from the first computing device [ i.e. de-  
registration of desired services/content ] [ Abstract; and paragraphs 0006, 0011, 0027  
and 0043 ].

It would have been obvious to a person skill in the art at the time the invention  
was made to combine the teaching of Ogdon and Trossen because the teaching of  
Trossen would enable to manage and control service and/or content in the network.

Ogdon and Trossen do not specifically disclose providing an application program interface on the first computing device for establishing communication between the first computing device and a projector; providing an application program interface on the first computing device for disconnecting the first computing device from communicating with the projector; providing an application program interface on the first computing device for obtaining capabilities of the projector; providing an application program interface on the first computing device for obtaining state information of the projector; providing an application program interface on the first computing device for obtaining display settings for the projector; and providing an application program interface on the first computing device for setting display settings on the projector. Weisman discloses providing an application program interface on the first computing device for establishing communication between the first computing device and a projector [ paragraphs 0106, 0643, 0644 and 0648 ]; providing an application program interface on the first computing device for disconnecting the first computing device from communicating with the projector [ paragraphs 0644, 0648-0650 ]; providing an application program interface on the first computing device for obtaining capabilities of the projector [ i.e. discover device ] [ paragraphs 0814, 0817, 0819 and 0859 ]; providing an application program interface on the first computing device for obtaining state information of the projector [ paragraphs 0045, 0062, 0125, and 0151 ]; providing an application program interface on the first computing device for obtaining display settings for the projector [ paragraphs 0817, 0860 and 1000 ]; and providing an application program interface on the first computing device for setting display settings on the projector [ paragraphs



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0704-0707 ]. It would have been obvious to a person skill in the art at the time the invention was made to combine the teaching of Ogdon, Trossen and Weisman because the teaching of Weisman would enable to provide a programming interface for logical devices and bridges to expose their services to the peer networking protocol using the peer networking protocol implementation of the host [ Weisman, paragraph 0004 ].

11. As per claim 45, Weisman discloses wherein providing an application programming interface on the first computing device that registers the second computing device with the first computing device further comprises: receiving at the first computing device a friendly name from the second computing device; receiving at the first computing device an invite from the second computing device wherein the invite comprises a callback function invoked when the first computing device invites a second computing device; and responding from the first computing device with a handle to the second computing device wherein the handle is used if the second computing device attempts to disconnect from the first computing device at a point in the future [ paragraphs 0834, 0209-0216 ].

12. As per claim 46, Weisman discloses wherein providing an application programming interface on the first computing device for un-registering the second computing device from the first computing device further comprises receiving at the first

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computing device a handle returned from the register function [ paragraphs 0097, 0468 and 0559 ].

13. As per claim 47, Weisman discloses wherein providing an application programming interface for the second computing device to request an invitation to view the presentation from the first computing device further comprises: receiving at the first computing device the UDN of the first computing device from the second computing device to ensure the first computing device is the device desired to be connected; receiving at the first computing device a handle from the second computing device; and communicating an invitation comprising from the first computing device to the second computing device if the first computing device desires to allow the second computing device to view the presentation [ paragraphs 0067, 0068, 0161, 0163 and 0184 ].

14. As per claim 48, Weisman discloses wherein providing a callback method on the first computing device wherein the callback method communicates an acceptance to the second computing device that invitation to view the presentation from the first computing device has been accepted further comprises: receiving at the first computing device an invitation from the second computing device; receiving at the first computing device a friendly presentation name for the second computing device; receiving at the first computing device a friendly name for the presenter using the first computing device

[ paragraphs 0834, 0209-0216 ]; and communication a successful connection indication if the connection is successful [ paragraphs 0209-0216 ].

15. As per claim 49, Trossen discloses wherein providing an application programming interface on the first computing device for advertising that a presentation is available for the second computing devices further comprises: on the first computing device, registering with a UPnP service comprising communicating a friendly name of the presentation, a friendly name of the presenter and a callback function from the second computing device to a UPnP service [ paragraphs 0002 and 0004 ]; and communicating a handle to the second computing device if a presentation session is successfully created [ paragraphs 0042, 0048 and 0057 ].

16. As per claim 50, Weisman discloses wherein providing an application programming interface on the first computing device for disconnecting the first computing from providing the presentation to the second computing device further comprises receiving at the first computing device a request to stop the presentation including the name of the presentation to be stopped [ paragraphs 0100, 0108 and 0643 ].

17. As per claim 51, Weisman discloses wherein providing an application program interface on the first computing device to enable the first computing device to respond to an invitation request from the second computing device comprising: receiving at the first computing device the friendly name of the second computing device; receiving at the first computing device the UDN of the second computing device; communicating from the first computing device to the second computing device an invitation [ paragraphs 0067, 0068, 0161, 0163 and 0184 ].

18. As per claim 52, Wiesman discloses wherein providing an application program interface on the first computing device for inviting the second computing device to view the presentation further comprises: receiving at the first computing device a handle for the presentation from the second computing device; receiving at the first computing device the UDN of the second computing device; receiving at the first computing device the invitation from the second computing device that was provided by the first computing device [ paragraphs 0067, 0068, 0161, 0163 and 0184 ].

19. As per claim 53, Ogdon discloses wherein providing an application program interface on the first computing device for inviting the second computing device to view the presentation further comprises receiving the presentation name and the presenter name [ Figure 3 ].

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20. As per claim 54, Weisman discloses wherein providing an application program interface on the first computing device for establishing communication between the first computing device and a projector further comprises: receiving at the first computing device the handle for the presentation from the second computing device; receiving at the first computing device the invitation to be provided to the projector; and communicating a session token [ paragraphs 0067, 0068, 0161, 0163 and 0184 ].

21. As per claims 55-59, they are rejected for similar reasons as stated above in claims 43, and 45-48.

### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dustin Nguyen whose telephone number is (571) 272-3971. The examiner can normally be reached on flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached at (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/DUSTIN NGUYEN/  
Primary Examiner, Art Unit 2454